FIG. 1

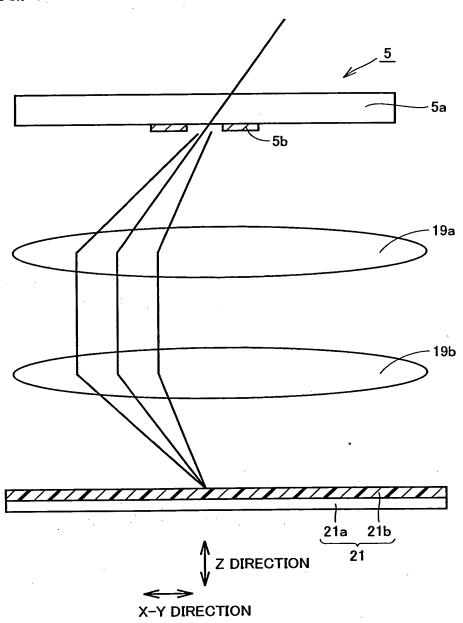


FIG. 2

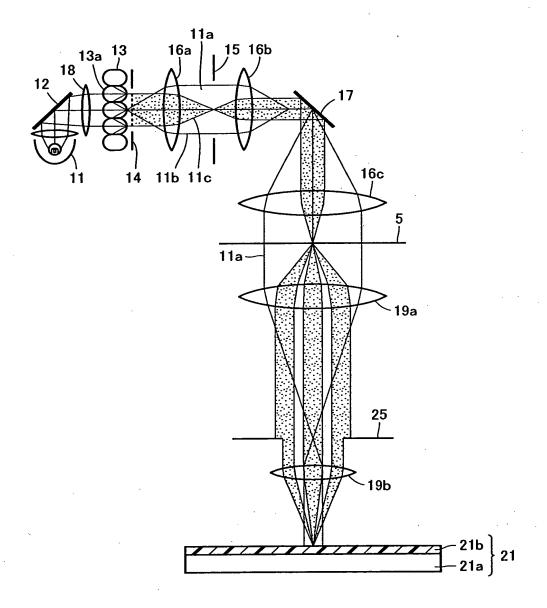


FIG. 3

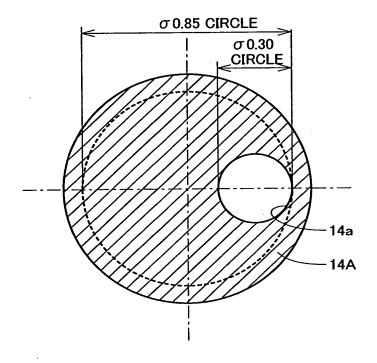


FIG. 4

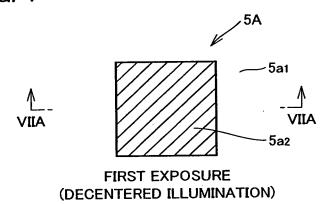
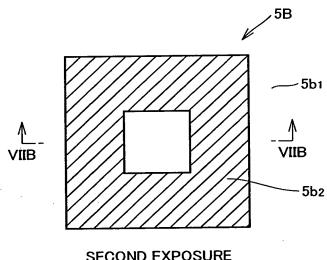


FIG. 5



SECOND EXPOSURE (NORMAL ILLUMINATION)

FIG. 6A 5a1 / - 5a2 DECENTERED ILLUMINATION 21b 21 FIG. 6B 5B 5b1 5b2 NORMAL ILLUMINATION 21a 21b 21

FIG. 7A

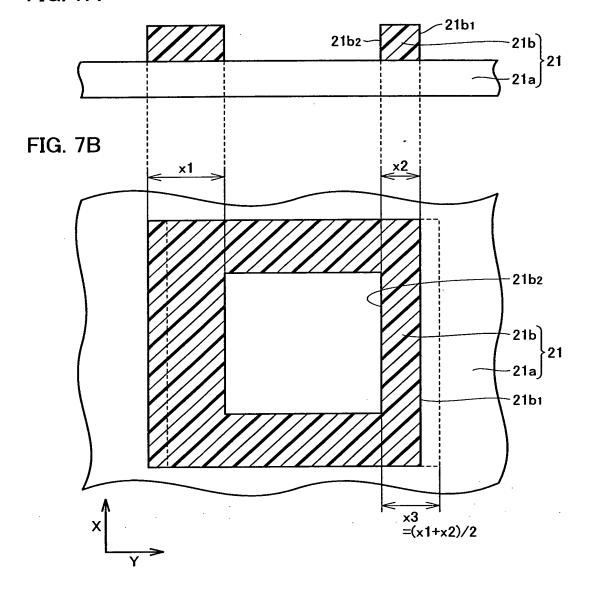
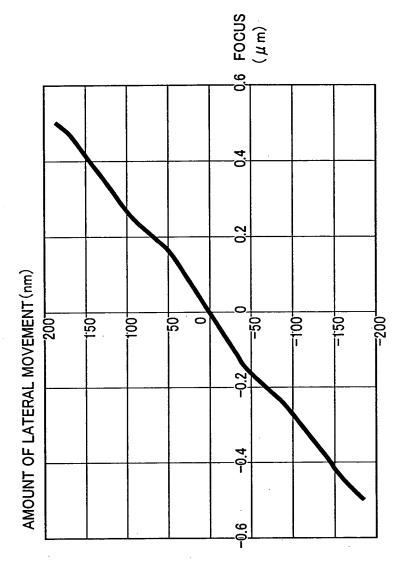
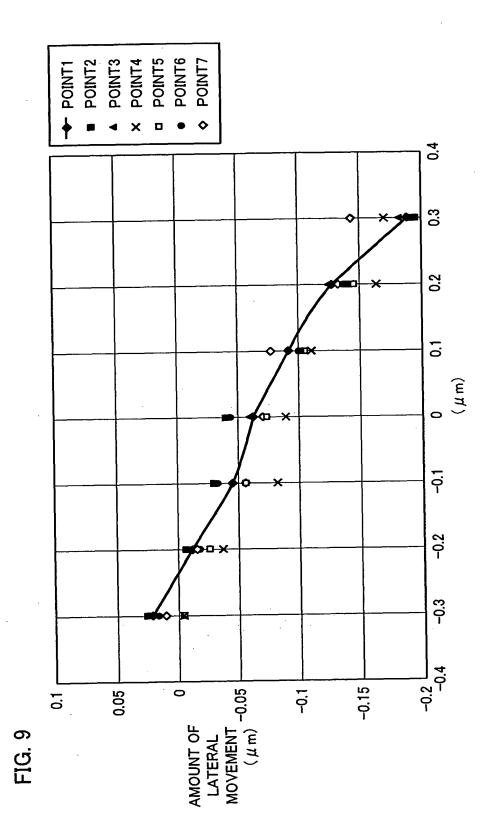
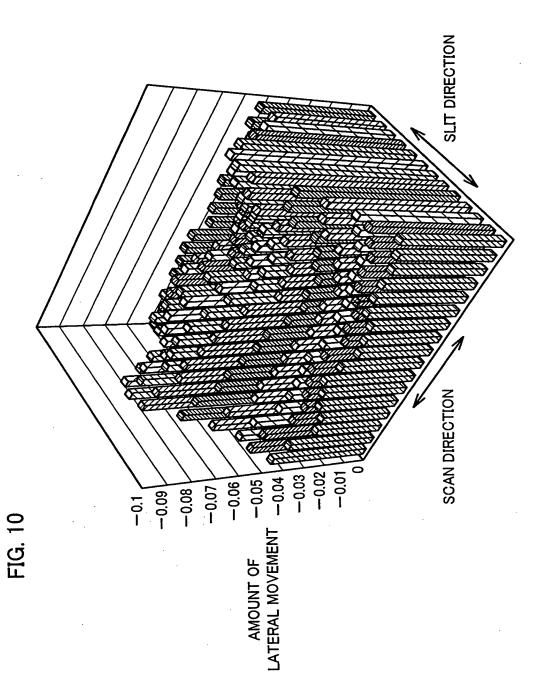
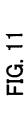


FIG. 8









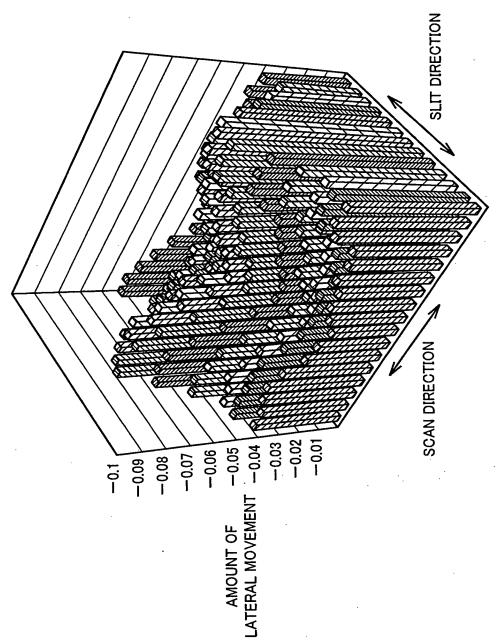
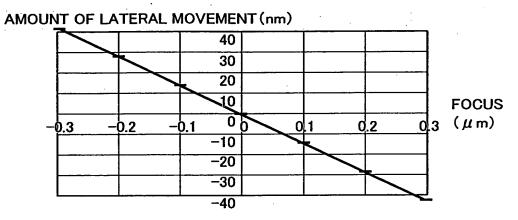


FIG.12



MOVEMENT OF DARKLINE ACCORDING TO FOCUS, MASK (Cr0.1 μ m, SHIFTER90° 50 μ m), NA0.68, σ 0.30

FIG. 13

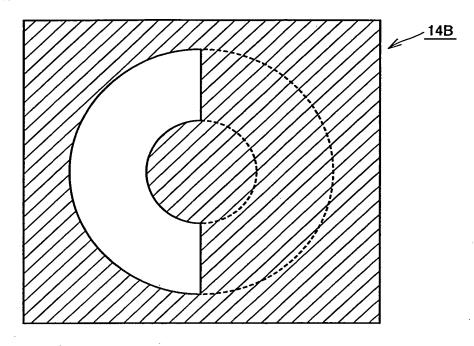


FIG. 14

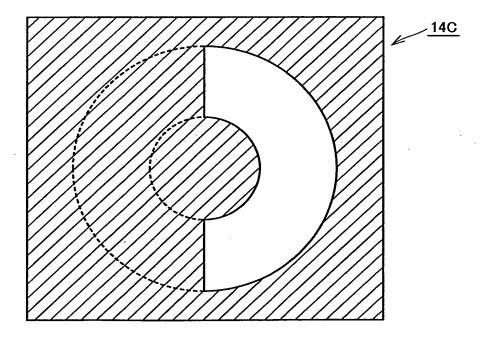


FIG. 15

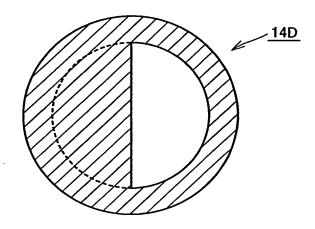


FIG. 16

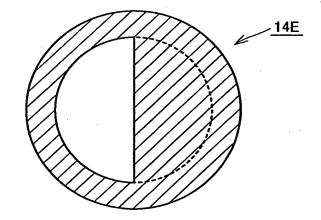


FIG. 17

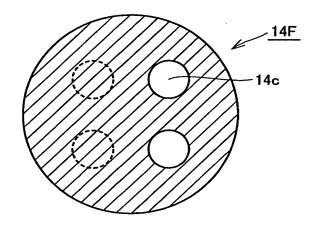


FIG. 18

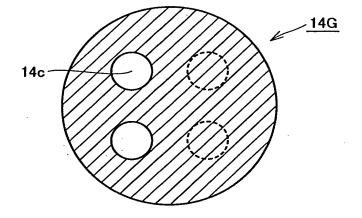


FIG. 19 **PRIOR ART** 105 105e 105d - 105a -105b 105c **OPTICAL DIFFERENCE** $3/4\lambda$ OPTICAL DIFFERENCE **OPTICAL** 5/4λ DIFFERENCE 1/4λ 119a 119b Z DIRECTION

X-Y DIRECTION

FIG. 20 PRIOR ART

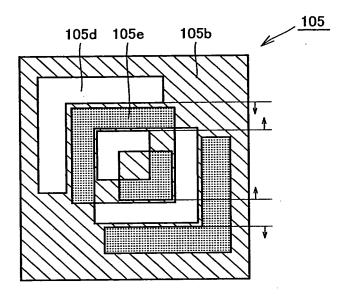


FIG. 21 PRIOR ART

